

Command carrier budgets

1 TxES antenna gain, max	dB	65
2 Min Txpower	dBW	-10
3 Max Tx power	dBW	8
4 Link Loss	dB	212.4
5 Sat G/T	dB/K	3
6		
7 CNR	dB	17.2103
8 Required CNR	dB	10
margin	dB	7.2103

Telemetry carrier buget

1 Sat. EIRP, max	dBW	23
2 Sat. EIRP, min	dBW	16
3 RxES G/T	dB/K	40
4 Link loSS	dB	209.2
5		
6 CNR	dB	18.4103
7 Required CNR	dB	10
Margin	dB	8.4